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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/728,528
	Filing Date	December 5, 2003
	First Named Inventor	Spaid
	Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	100/09431

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	PTO Form 1449 (2 pages)
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	<i>Return Receipt Postcard</i>
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Please charge Deposit Account No. 03-0177 for any additional fees associated with this paper or during pendency of this application	
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>		
Firm or Individual name	Donald R. McKenna, Reg. No. 44,922	
Signature	<i>Donald R. McKenna</i>	
Date	2/26/04	

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
Typed or printed name	Michelle Chan	
Signature	<i>Michelle Chan</i>	Date Feb. 26, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Signed: Michelle Chan  
Michelle Chan

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No. : 10/728,528 Confirmation No.:  
Applicant : Michael Spaid et al.  
Filed : December 5, 2003  
TC/A.U. :  
Examiner :  
  
Docket No. : 100/09431  
Customer No. : 021569  
Title : MICROFLUIDIC VISCOMETER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

The references cited on the attached form PTO-1449 are being called to the attention of the Examiner. This application is a continuation of U.S.S.N. 10/008,604 filed November 9, 2001, which is a continuation-in-part of U.S.S.N. 09/792,435, filed February 22, 2001. All references cited in the attached form 1449 have been previously cited in these applications. Copies of documents are therefore not being provided pursuant to 37 CFR §1.98(d). If copies of the references are not available to the Examiner, the Examiner is invited to contact the undersigned.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

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representation is made that a search has been conducted or that this statement encompasses all possible relevant information.

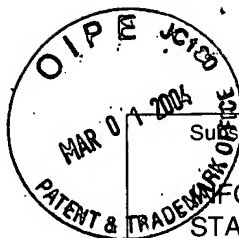
Applicants believe that no fee is required for submission of this statement, since it is being submitted within three months of the filing date or prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to charge such fee to Deposit Account No. 03-0177. Please charge any additional fees or credit any overpayment to the above-noted deposit account.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Donald R. McKenna". The signature is fluid and cursive, with the first name "Donald" being the most prominent.

Donald R. McKenna  
Reg. No. 44,922

CALIPER LIFE SCIENCES, INC.  
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Tel: 650-623-0737  
Fax: 650-623-0504



Substitute for form 1449A/PTO		Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)		Application Number	10/728,528	
		Filing Date	December 5, 2003	
		First Named Inventor	Spaid	
		Art Unit		
		Examiner Name		
Sheet		of	Attorney Docket Number	100/09431

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number - Kind Code (if known)			
	AA	US-5,304,487	04-19-1994	Wilding et al.	
	AB	US-5,573,651	11-12-1996	Dasgupta et al.	
	AC	US-5,858,195	01-12-1999	Ramsey	
	AD	US-5,863,801	01-26-1999	Southgate et al.	
	AE	US-5,885,470	03-23-1999	Parce et al.	
	AF	US-5,942,443	08-24-1999	Parce et al.	
	AG	US-5,965,001	10-12-1999	Chow et al.	
	AH	US-5,979,868	11-09-1999	Wu et al.	
	AI	US-6,001,229	12-14-1999	Ramsey	
	AJ	US-6,062,261	05-16-2000	Jacobson et al.	
	AK	US-6,076,392	06-20-2000	Drzewiecki	
	AL	US-6,110,343	08-29-2000	Ramsey et al.	
	AM	US-6,134,950	10-24-2000	Foster et al.	
	AN	US-6,146,103	11-14-2000	Lee et al.	
	AO	US-6,149,787	11-21-2000	Chow et al.	
	AP	US-6,156,181	12-05-2000	Parce et al.	
	AQ	US-6,231,737	05-15-2001	Ramsey et al.	
	AR	US-6,235,175	05-22-2001	Dubrow et al.	
	AS	US-6,235,471	05-22-2001	Knapp et al.	
	AT	US-6,267,858	07-31-2001	Parce et al.	
	AU	US-6,272,905	08-14-2001	Drzewiecki	
	AV	US-6,506,609	01-14-2003	Wada et al.	
	AW	US-6,592,821	07-15-2003	Wada et al.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Complete if Known			
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		First Named Inventor	<b>Spaid</b>		
		Art Unit			
Examiner Name					
Sheet		of		Attorney Docket Number	<b>100/09431</b>

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code - Number - Kind Code (if known)				
	AX	WO-9405414	03-17-1994	UC Regents		
	AY	WO-9702357	01-23-1997	Affymetrix		
	AZ	WO-0010015	02-24-2000	Caliper		
	BA	WO-0045172	08-03-2000	Caliper		
	BB	WO-0106370	08-30-2001	Caliper		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	BC	CHIEN, R-L, et al. "Multiport flow-control system for Lab-on-a-chip microfluidic devices" <u>Fresenius J. Anal. Chem.</u> (2001) 371:106-111	
	BD	DASGUPTA, P.K. et al., "Electroosmosis: A Reliable Fluid Propulsion System for Flow Injection Analysis," <u>Anal. Chem.</u> (1994) 66:1792-1798	
	BE	GAMBOS et al., "An optical micro-fluidic viscometer" Micro-Mechanical System (1998) 66:187-191	
	BF	JACOBSON, S.C. et al., "Effects of Injection Schemes and Column Geometry on the Performance of Microchip Electrophoresis Devices," <u>Anal. Chem.</u> (1994) 66:1107-1113	
	BG	MANZ, A. et al., "Miniaturized Total Chemical Analysis Systems: a Novel Concept for Chemical Sensing," <u>Sensors and Actuators</u> (1990) B1: 244-248	
	BH	SANDOVAL, J.E. et al., "Method for the accelerated measurement of electroosmosis in chemically modified tubes for capillary electrophoresis" <u>Anal. Chem.</u> (1996) 68(17):2771-2775	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.